TYDAN TDS

Commercial Lighting / Batten, Cleanroom, Specialist Lighting

Features

Class ISO 3 certified to DIN EN ISO 14644-1
(Equivalent to FED STD 209E Class 1)
Slim teardrop profile for cleanroom environment
IP54 suitable for wet environment
External cable coupler for easy installation
Designed for end-to-end mounting
Robust extruded aluminium body & corrosion resistant
Long life, low energy consumption, no product
maintenance is required
PC extruded diffuser and end cap
Wide distribution beam

Applications

Industrial cleanrooms
Healthcare facilities
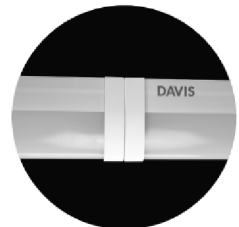Food & Pharmaceutical industries

Option

Dimmable
Amber (610nm)

Standards

Manufactured under ISO 9001:2015 to standards
IEC/AS/NZS 60598.1
IEC/AS/NZS 60598.2.1
IEC/AS/NZS CISPR 15
DIN EN ISO 14694-14 CLASS ISO 13

Mounting

Surface mounted

Lighting Council
AUSTRALIA MEMBER

IK03 IP54 INDOOR SELV

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Product Code Key

Model	Length	Power	–	CRI & Colour Temp.	Dimming
TDS	**2** = 650	**15** = 15W		**R84** = CRI>80, 4000K	**D07** = 0-10V Dimming
	4 = 1250	**20** = 20W		**R87** = CRI>80, 6500K	**D10** = DALI Dimming
		35 = 35W		**R61** = Amber (610nm)	
	5 = 1550	**25** = 25W		(only applicable for TDS215 & TDS420)	
		50 = 50W			

e.g. TDS435-R61 = Tydan TDS series, 1200mm, 35W, Amber (610nm)

Specifications

Model	TDS215-Rx	TDS420-Rx	TDS435-Rx	TDS525-Rx	TDS550-Rx
Length (mm)	650	1250		1550	
Nominal Power (W)	15	20	35	25	50
Luminaire Flux (lm)	2025	2700	4725	3375	6750
Luminaire Efficacy (lm/W)	135 (Dimming = 130)				
CCT (K)	4000/6500				
Input Voltage (V)	220-240				
CRI (Ra)	>80				
Frequency (Hz)	50/60				
Luminaire Rated Life (hr)	>50,000				
Operating Temp. (°C)	-20 to 40				
IP Rating	IP54				
IK Rating	IK03				
Power Factor	>0.9				
SDCM	<5				
Beam angle (°)	180°				
Colour	White (Amber only for R61)				
Weight (kg)	0.70	1.40		1.74	

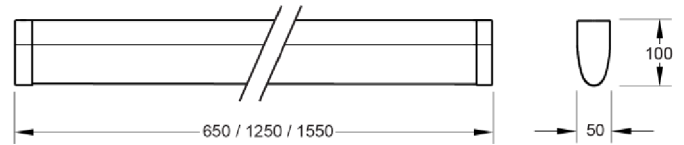"x" denotes CRI & CCT, R84 = CRI>80, 4000K ; R87 = CRI>80, 6500K ; R61 = Amber (610nm)

TYDAN TDS

Lighting Data

Light Distribution Curve (LDC)

Dimensions

650 / 1250 / 1550

100

50
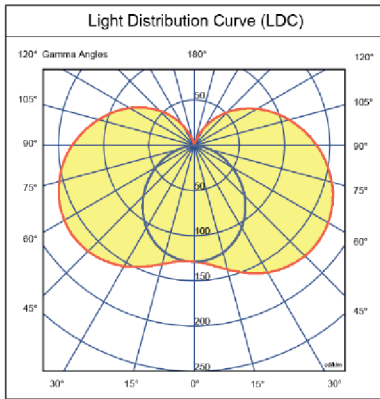
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